



Opening Date:	September 26, 2013	Closing Date:	October 17, 2013
Job Title:	Software Quality Assurance Engineer III/IV	Position Type:	Regular Full Time
PIN:	085655	FLSA Status:	Exempt
Location:	Judicial Information Systems Annapolis, Maryland	Grade/Entry Salary:	T12 - Level III - \$58,330 - \$69,977 T13 - Level IV - \$61,971 - \$74,374
Financial Disclosure:	Yes		(Depending on Qualifications)

Regular State employees subject to promotion/demotion policy

Essential Functions: Serves as a member of the JIS Quality Assurance team providing independent software testing and quality assurance services to projects and applications managed within the Project Management Office. **Test Planning and Analysis** - Interacts with project teams and users to gain an understanding of the business environment, software functionality (technical) and testing objectives for a project as a basis for determining quality risk areas and testing requirements. Reviews project technical documentation and maintains knowledge about software releases. Understands functional, performance, system and integration testing and assists with the creation of test plans and specifications. Contributes in creation of UAT test strategy, UAT test plan, and execution schedule. Assists with the development and presentation of testing proposals to internal and external stakeholders. Assists with defining metrics to be collected to monitor the performance and effectiveness of testing. **Test Design, Development and Execution** - Develops test cases and test procedures/ scripts. Conducts test case reviews with appropriate project stakeholders. Coordinates with infrastructure teams to set up test environments/ labs including software and hardware. Independently executes test procedures/ scripts to ensure that systems (COTS, custom etc.) function as required. **Defect and Test Reporting**- Logs, triage and reports defects into project defect tracking tools. Escalates key testing issues/risks and provides feedback to the QA Manager and other project stakeholders as appropriate. Prepares a summary of test results. **Quality Assurance** - Identifies and recommends improvements to methods and standards for a project through an assessment of current testing practices, and supports implementation of recommended improvements. Proactively identifies and proposes improvements to quality assurance and testing practices. Stays current on emerging tools, techniques, and technologies. Assists with the development and maintenance of project lifecycle phase checklists and assists with the validation of entry/exit criteria for major project reviews and/or rollouts. Assists with the development of a quality assurance and test framework that will be integrated within the project lifecycle.

Education: Bachelor's Degree from an accredited college or university in Computer Science, Engineering, Information Systems or related field.

Experience: **Level III** - A minimum of three years of experience performing hands on software testing. Knowledge of quality assurance best practices and methodologies (i.e. CMMI, ISO)

Level IV - A minimum of four years of experience performing hands on software testing. One year of quality assurance experience with facilitating software/service development lifecycle phase or documentation reviews. Performs as a team member and as a lead. Has a minimum of one year test lead experience.

Preferred: CSTE, CSPE, CSQA, CTFL, or PMP certification.

NOTE: Additional related work experience as specified above may be substituted for the education requirement on a year for year basis for up to four years of the required education.

Skills/Abilities: Ability to work across multiple disciplines, is flexible and can adapt to changing priorities, changing complex information technology, demands and requests. Ability to take initiative, and find solutions to challenges while exercising great detail. Knowledge of SDLC and agile methodologies. Knowledge of software testing concepts and techniques. Ability to use MS Word, MS Visio, and MS Excel skills proficiently. Knowledge of SharePoint, source code management, change/version management tools and techniques. Knowledge of relational database concepts and experience with SQL. Practical experience with test/defect management lifecycle tools (i.e. QC, QTP, Rational, JIRA, etc.). Ability to prioritize and balance tight deadlines with high quality work and deliverables. Ability to communicate and use proper grammar with all levels within the organization both verbally and in writing. Ability to work as a team and contribute to solving problems or generating ideas which will enhance Maryland Judiciary. Ability to display proficient skills in test analysis and design to include: Evaluation and validation of test cases and procedures/scripts, development of test specifications, validation of test specifications, validation of testing coverage, escalation of quality issues for resolution, evaluation of test automation tools and validation of testing environments. Ability to display proficiency in testing processes to include: Execution of test cases and procedures/ scripts, analysis of test results, reporting on testing progress and results, facilitating defect resolution and development of test summary reports with final test results. Ability to display proficiency in testing metrics to include: Review of test summary report, providing testing project feedback and archiving testing assets in order to verify completion of testing. Ability to Lead in the following areas: Understanding requirements, design specifications, and testing strategy to perform risk analysis. Ability to assist with the development or review of test plans, selection of test design techniques and develop testing metrics collection plan in order to plan and prepare for testing.

Please submit a Maryland Judiciary employment application (unsigned applications will not be accepted) or resume and cover letter stating position title and PIN. The Human Resources Department does not accept faxes and will not be responsible for applications or resumes sent to any other address.

**Maryland Judiciary
Human Resources Department
580 Taylor Ave., Bldg. A-1
Annapolis, MD 21401
Email: jobs@mdcourts.gov (Zip files not accepted)**

The Maryland Judiciary is a drug free workplace and an equal opportunity employer, committed to diversity in the workplace. We do not discriminate on the basis of race, religion, color, sex, age, sexual orientation, national origin or disability. Applicants who need accommodation for an interview should request this in advance. The candidate selected for this position will be subject to a background check. Employees must be United States citizens or eligible to work in the United States.